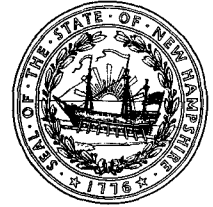




The State of New Hampshire
Department of Environmental Services



Michael P. Nolin
Commissioner

August 4, 2004
Letter of Deficiency
DSP#04-028

Timber Owners of New England Inc.
270 Beacon Street Apt C
Boston, MA 02116-1231

RE: Cranberry Pond Dam, #005.12, Alstead

To Whom It May Concern:

The Department of Environmental Services, Dam Bureau (DES) consistently strives to enhance the safety of dams in New Hampshire through its dam safety program. One of the many instruments that play a part in reaching this goal is our inspection program. DES is forwarding this correspondence to you to advise you that in accordance with RSA 482:12 and Env-Wr 502.02, an inspection of the subject dam was conducted on June 14, 2004. During this visual inspection and/or file review, the following deficiencies were observed:

1. There was a medium sized tree on the right side of the overflow spillway;
2. Seepage was observed at the toe of the right overflow spillway section of which the previous mentioned tree is likely contributing to the seepage path;
3. Debris/beaver debris was observed downstream of the left overflow natural spillway section;
4. Brush and small tree growth was observed on the crest, downstream slope, and upstream of the concrete cutoff wall along the right earth embankment;
5. There was a large rodent hole at the toe of the right earth embankment; and
6. There was some standing water at the toe of the right earth embankment (no flow observed on this date). It is possible that this standing water is from off site as it has been a wet season.

DES believes that the above deficiencies can be corrected by performing the following items by the indicated schedule:

December 1, 2004:

1. Cut down the medium sized tree on the right side of the overflow spillway without removing the stump. Additionally an attempt should be made to eliminate the re-growth of the existing stump;
2. Remove the debris/beaver debris observed downstream of the left overflow natural spillway section;

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3. Cut the brush and small tree growth observed on the crest, downstream slope, and upstream of the concrete cutoff wall along the right earth embankment;
4. Repair the large rodent hole at the toe of the right earth embankment with compacted suitable soil;
5. Review and update, (if necessary), the attached operation and maintenance plan and inform DES of any changes;

On a continual basis:

6. Monitor the seepage observed at the toe of the right overflow spillway section and repair as necessary if the seepage increases substantially; and
7. Monitor the standing water at the toe of the right earth embankment.

DES is requesting that you complete and submit the attached "Intent to Complete Repairs" form, within 30 days of receipt of this letter, that will provide for correction of the identified deficiencies by the date(s) indicated above. Please call or write to our office if the repairs are completed ahead of the aforementioned schedule so that DES may schedule a follow-up inspection. Unless notified otherwise, DES will conduct the follow-up inspection on or after the date(s) indicated above. If you believe changes to the items of work or dates are necessary, please make the changes directly on the form and provide a brief explanation. We have enclosed a self addressed stamped envelope for you to return this form.

Our intent in sending you this correspondence is to make you aware of items that DES believes warrant your attention to insure the continued safe operation of your dam. It is our hope that, through the submittal of the attached form and a commitment to keeping a well-maintained dam, you will voluntarily comply with the requested items of work. If we do not receive the intent form or a similarly adequate written reply, we will assume that you are in agreement with our findings and recommendations and DES will carry out follow-up inspections accordingly.

If you have any questions or comments regarding this Letter of Deficiency or would like to be present at future inspections, please contact me at 271-3406, or write to the Water Division at the address listed on the bottom of the previous page.

Sincerely,


Dale F. Guim, P.E.
Dam Safety Engineer

Attachments DB8, DB13, Copy of O&M plan currently on file

cc: Michael Pratt, Operator

Gretchen R. Hamel, Legal Unit Administrator ✓

Town of Alstead

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